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United States Patent [19]

Chaouachi et al.

[11] **Patent Number:** **5,898,999**[45] **Date of Patent:** **May 4, 1999**[54] **HAIR CUTTING APPARATUS WITH COMB DEVICE**5,050,305 9/1991 Baker et al. 30/201
5,325,589 7/1994 Kubo 30/201[75] Inventors: **Jaleddine Chaouachi; Jürgen Holzbauer**, both of Klagenfurt;
Stephan Leitner, Kappel; **Siegfried Seufzer**, Viktring, all of Austria**FOREIGN PATENT DOCUMENTS**648078 7/1937 Germany 30/196
61-79483 4/1986 Japan .**OTHER PUBLICATIONS**European Search Report PCT/IB97/01332 dated Feb. 1998.
European Search Report PCT/IB97/01366 dated Feb. 1998.
Philips "Designation HS 025" (2 pages).*Primary Examiner*—Hwei-Siu Payer
Attorney, Agent, or Firm—Ernestine C. Bartlett[21] Appl. No.: **08/984,824**[22] Filed: **Dec. 4, 1997**[30] **Foreign Application Priority Data**

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[51] **Int. Cl.⁶** **B26B 19/20**[52] **U.S. Cl.** **30/201; 30/200**[58] **Field of Search** 30/43.1, 195, 196,
30/200, 201, 202, 233, 233.5[56] **References Cited****U.S. PATENT DOCUMENTS**

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[57] **ABSTRACT**

A hair-cutting system (1) is provided comprising a hair-cutting apparatus (2) having a toothed cutting device (17), and comprising a comb device (20) which can be mounted onto the hair-cutting apparatus (2) and comprises a stationary comb section (22) and an adjustable comb section (23), and comprising positioning means by which the adjustable comb section (23) can be positioned with respect to the stationary comb section (22), the stationary comb section (22) and the adjustable comb section (23) are loaded relative to one another by means of at least one spring (48), and the positioning means comprise an adjustment device (50) arranged on the hair-cutting apparatus (2), which adjustment device is adjustable to a number of settings by the hand in which the hair-cutting apparatus (2) is held during operation, and coupling means (51) are arranged between the adjustment device (50) and the adjustable comb section (23) for automatically coupling the adjustment device (50) and the adjustable comb section (23) when the comb device (20) is mounted onto the hair-cutting apparatus (2), and the adjustable comb section (23) is automatically movable into a desired operating position when the comb device (20) is mounted onto the hair-cutting apparatus (2).

13 Claims, 6 Drawing Sheets